Pathways to Teaching
Under Title II of the Higher Education Act, teacher preparation providers, including institutions of higher education (IHEs) that conduct teacher preparation programs and state-approved teacher preparation programs operating outside of IHEs, must annually collect and submit information to their respective states. States, in turn, submit annual report cards on teacher preparation and credentialing to the U.S. Department of Education.

Unless otherwise noted, the data in this booklet reflect AY 2012-13 data reported through Title II HEA by all 50 states, the District of Columbia, American Samoa, Guam, Marshall Islands, Micronesia, Northern Mariana Islands, Palau, Puerto Rico, and Virgin Islands. For more information, go to title2.ed.gov.
First, I will need to decide which type of teacher preparation program I will attend. What do I need to know?

### Programs by Type
- Alternative, IHE based
- Alternative, not IHE based
- Traditional
- Traditional and Alternative

#### 2,170 Program Providers

#### 26,589 Programs

##### Traditional Programs
- IHE* based
- 70%

##### Alternative Programs
- IHE* based
- 20%

- not at IHEs*
- 10%

* Institutions of Higher Education

### 500,129 Total Enrollees in Teacher Preparation Programs

- 89% Traditional IHE based
- 5% Alternative IHE based
- 6% Alternative not at IHEs

### Top 3 Most Common Admission Requirements

1. **Minimum GPA***
2. **Transcript***
3. **Minimum # of courses, credits, or semester hours completed***

* Requirements for entry into either Traditional or Alternative Programs

### Supervised Clinical Experience Requirements

- In most traditional programs, candidates must complete 100 hours of supervised clinical experience prior to student teaching and 600 hours of student teaching.

- Most alternative teacher preparation programs primarily serve candidates who begin teaching while participating in the program. Alternative teacher preparation program candidates may engage in a form of mentoring or induction support as a part of the program instead of a prescribed number of hours.

- In most traditional programs,
- candidates must complete 100 hours of supervised clinical experience prior to student teaching and 600 hours of student teaching.

- Alternative programs often attract individuals who already hold a bachelor’s degree in a specific content area and may have prior work experience but are seeking to switch careers. Alternative programs often focus less on a specific content area and more on pedagogy.

- Traditional programs are typically four-year undergraduate programs and often attract individuals who enter college with the goal of becoming a teacher. Traditional programs prepare candidates with instruction in pedagogy as well as the specific content area they plan to teach.

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Most alternative teacher preparation programs primarily serve candidates who begin teaching while participating in the program. Alternative teacher preparation program candidates may engage in a form of mentoring or induction support as a part of the program instead of a prescribed number of hours.
I will also need to decide where to attend my teacher preparation program.

Top 5 Teacher-Producing States

<table>
<thead>
<tr>
<th>Position</th>
<th>State</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>New York</td>
<td>10%</td>
</tr>
<tr>
<td>2</td>
<td>Texas</td>
<td>7%</td>
</tr>
<tr>
<td>3</td>
<td>Pennsylvania</td>
<td>6%</td>
</tr>
<tr>
<td>4</td>
<td>California</td>
<td>6%</td>
</tr>
<tr>
<td>5</td>
<td>Illinois</td>
<td>5%</td>
</tr>
</tbody>
</table>

Top 5 Teacher-Producing States By Program Type

<table>
<thead>
<tr>
<th>Program Type</th>
<th>IHE based</th>
<th>Alternative not at IHEs</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Traditional</strong></td>
<td><strong>Alternative</strong></td>
<td><strong>Alternative</strong></td>
</tr>
<tr>
<td>IHE based</td>
<td>IHE based</td>
<td>not at IHEs</td>
</tr>
<tr>
<td>New York</td>
<td>Texas 16%</td>
<td>Texas 48%</td>
</tr>
<tr>
<td>Texas</td>
<td>California 9%</td>
<td>New Jersey 11%</td>
</tr>
<tr>
<td>Pennsylvania</td>
<td>Florida 9%</td>
<td>Florida 4%</td>
</tr>
<tr>
<td>California</td>
<td>New York 8%</td>
<td>Oklahoma 3%</td>
</tr>
<tr>
<td>Illinois</td>
<td>Louisiana 7%</td>
<td>Georgia 3%</td>
</tr>
</tbody>
</table>

Organizations That Administer Alternative Routes

- **INSTITUTIONS OF HIGHER EDUCATION**
- **STATE AGENCIES**
- **NONPROFITS**
- **SCHOOL DISTRICTS**
- **OTHER TYPE OF ORGANIZATION**

Nearly all states offer alternative routes to a teaching credential. Alternative routes can be administered by different types of organizations, such as nonprofit organizations or state education agencies, or by various partnerships.

For Example

Some school districts partner with IHEs to offer an alternative program that allows participants to begin an internship or probationary teaching position within the school district while taking courses towards program completion at the IHE. States approve the types of alternative routes that may operate in their states, so the types of alternative routes available vary by state.
How can I be sure to select a high-quality program that will best prepare me for the classroom?

2% of providers have an at-risk or low-performing teacher preparation program

44 out of 2,170 providers

AR & LP Providers by Program Type

At Risk
- 1% Traditional
- <1% Alternative IHE-based
- 0% Alternative not IHE-based

Low Performing
- 1% Traditional
- 0% Alternative IHE-based
- 0% Alternative not IHE-based

Out of 1,497 traditional providers, 21 had AR programs and 21 had LP programs
Out of 472 alternative IHE-based providers, 2 had AR programs and 0 had LP programs
Out of 201 alternative not IHE-based providers, 0 had AR programs and 0 had LP programs.

States That Have Never Identified Any Programs as AR or LP

States Identifying AR or LP Programs in 2014
Once I enroll in a teacher preparation program, I will have plenty of company. What do I need to know about the pool of teacher candidates I will be joining?

**Teacher Preparation Program Enrollees**

<table>
<thead>
<tr>
<th>Program Type</th>
<th>Female</th>
<th>Male</th>
</tr>
</thead>
<tbody>
<tr>
<td>Traditional IHE based</td>
<td>76%</td>
<td>24%</td>
</tr>
<tr>
<td>Alternative IHE based</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Alternative not at IHEs</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Gender of Enrollees by Program Type***

- **Female Enrollees**
  - Traditional IHE based: 49%
  - Alternative IHE based: 69%
  - Alternative not at IHEs: 51%
  - K-12 Students*: 34%

- **Male Enrollees**
  - Traditional IHE based: 23%
  - Alternative IHE based: 31%
  - Alternative not at IHEs: 34%

**Race/Ethnicity of Enrollees by Program Type***

- **American Indian**
  - Traditional IHE based: 1%
  - Alternative IHE based: 3%
  - Alternative not at IHEs: 3%
  - K-12 Students*: 1%

- **Asian or Pacific Islander**
  - Traditional IHE based: 1%
  - Alternative IHE based: 4%
  - Alternative not at IHEs: 2%
  - K-12 Students*: 1%

- **Black**
  - Traditional IHE based: 9%
  - Alternative IHE based: 16%
  - Alternative not at IHEs: 3%
  - K-12 Students*: 4%

- **Hispanic**
  - Traditional IHE based: 15%
  - Alternative IHE based: 18%
  - Alternative not at IHEs: 18%
  - K-12 Students*: 16%

- **White**
  - Traditional IHE based: 74%
  - Alternative IHE based: 65%
  - Alternative not at IHEs: 59%
  - K-12 Students*: 51%

- **Multiracial**
  - Traditional IHE based: 5%
  - Alternative IHE based: 3%
  - Alternative not at IHEs: 3%
  - K-12 Students*: 3%

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* Source (K-12 data) National Center for Education Statistics, Digest of Education Statistics

**Trends in Enrollment Compared to K-12 Students**

- **K-12 Student Enrollment***
  - '08 –'09: 49,265,572
  - '09 – '10: 49,360,982
  - '10 –'11: 49,484,181
  - '11 –'12: 49,521,669
  - '12 –'13: 50,262,751

- **Teacher Preparation Program Enrollment***
  - '08 –'09: 719,085
  - '09 – '10: 725,529
  - '10 –'11: 684,801
  - '11 –'12: 630,808
  - '12 –'13: 500,129

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* Source (K-12 data) National Center for Education Statistics, Digest of Education Statistics
I'm not just looking for a degree; I want to teach. How likely is it that I will make it through my program and earn an initial teaching credential?

### National Pass Rate Comparison to Other Professions*

<table>
<thead>
<tr>
<th>Profession</th>
<th>Pass Rate</th>
</tr>
</thead>
<tbody>
<tr>
<td>Teacher</td>
<td>96%</td>
</tr>
<tr>
<td>Lawyer</td>
<td>68%</td>
</tr>
<tr>
<td>Doctor</td>
<td>82%</td>
</tr>
<tr>
<td>CPA</td>
<td>56%</td>
</tr>
</tbody>
</table>

* Please refer to the back of this book for source information

### Teacher Preparation Program Completers by Program Type

- **192,697** Total Program Completers
  - Traditional IHE based: 85%
  - Alternative IHE based: 7%
  - Alternative not at IHEs: 8%

### Teacher Preparation Program Completers by Subject Area

<table>
<thead>
<tr>
<th>Subject Area</th>
<th>Traditional</th>
<th>Alternative* IHE based</th>
<th>Alternative* not at IHEs</th>
</tr>
</thead>
<tbody>
<tr>
<td>Elementary Education</td>
<td>42%</td>
<td>24%</td>
<td>26%</td>
</tr>
<tr>
<td>Special Education</td>
<td>16%</td>
<td>17%</td>
<td>13%</td>
</tr>
<tr>
<td>Early Childhood</td>
<td>13%</td>
<td>9%</td>
<td>11%</td>
</tr>
<tr>
<td>English/Language Arts</td>
<td>9%</td>
<td>8%</td>
<td>8%</td>
</tr>
<tr>
<td>Mathematics</td>
<td>7%</td>
<td>7%</td>
<td>12%</td>
</tr>
<tr>
<td>English as a Second Language</td>
<td>6%</td>
<td>5%</td>
<td>4%</td>
</tr>
<tr>
<td>Social Studies</td>
<td>5%</td>
<td>4%</td>
<td>7%</td>
</tr>
</tbody>
</table>

* Alternative programs prepare a higher proportion of teachers in high-need subjects, including STEM subjects.

### Total # of Teachers Earning an Initial Credential

- **263,425** Total Teachers Credentialed
  - 79% in State*
  - 21% Out of State*

* 79% of individuals earning an initial credential completed the teacher preparation program and earned the credential in the same state. 21% of individuals completed the teacher preparation program in one state and earned the credential in another.
Data as of February 26, 2015.
Source: U.S. Department of Education, Office of Postsecondary Education.

Sources

National Pass Rate Comparison to Other Professions (p10)

Lawyer
68% of individuals taking the bar examination passed in 2013.

Doctor
82% of individuals taking the general pediatrics certifying exam for the first time passed in 2013.
https://www.abp.org/content/exam-applicants-faqs

Certified Public Accountant
The Uniform CPA Exam scores each of four sections of the exam separately. Pass rates for each section of the exam ranged from 46% to 66% in 2013.

https://title2.ed.gov/Public/Login.aspx